BRUHAT BANAGLORE MAHANAGARA PALIKE

Excecutive Engineer Byatarayanapura Division

Package No.06 (Consists of 14 Works)

BAR CHART

Name of the Contractor:M/s.SMLP Asphalts,Prop. Sri B B Umesha,

Workorder No: BBMP/EE/BTP/WO/76/22-23

1st and Part Bill

Item No	Description of work	Unit	Quantity	1st Month				2nd Month					3rd Month				4th Month				5th Month				6th Month				7th Month				8th Month				9th Month			
				Week-1	Week-2	Week-3	Week-4	Week-5	Week-6	Week-7	Week-8	Week-9	Week-10	Week-11	Week-12	Week-13	Week-14	Week-15	Week-16	Week-17	Week-18	Week-19	Week-20	Week-21	Week-22	Week-23	Week-24	Week-25	Week-26	Week-23	Week-24	Week-25	Week-26	Week-23	Week-24	Week-25	Week-26	Week-23	Week-24	Week-25	Week-26
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure consisting of masonry, cement	Cum	107.20																																				
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) (Data Rate)	Sqm	3424.08																																				
3	Removing and refixing of footpath Slab (Data Rate)	Sqm	275.40																																				
4	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges	Cum	13058.24																																				
5	Providing granite slabs of selected quality roughly dressed hatved a size of 7.5cms thick and fixed in cement mortar (1:6) including	Sqm	1347.27																																				
6	Providing B S slabs of selected quality roughly dressed hatved a size of 10cms thick and fixed in cement mortar (1:6) including fixing cutting	Sqm	120.23																																				
7	Providing one line dressing to granite stone slab / granite stone masonry as per specifications as directed by the Engineer in	Sqm	400.77																																				
8	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm	Cum	1758.83																																				
9	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure	Cum	3830.41																																				
10	Supplying, Fitting and Placing TMT Fe550 bar Reinforcement in sub-structure complete as per Drawing and Technical and as per the	Tonne	240.39																																				
11	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)and as per the	Cum	111.54																																				
12	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure	Cum	82.62																																				
13	Providing and Fixing pre cast covering Slab 100mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including	Sqm	9123.00																																				
14	Providing and Fixing pre cast covering Slab 230mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement	Sqm	792.57																																				
15	Providing and fixing Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting,	Kg	2190.00																																				
16	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in	Cum	1911.38																																				
17	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material by Mechanical Means using	Sqm	3939.86																																				
18	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of	Cum	258.19																																				
19	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material	Cum	2365.69																																				
20	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road	Sqm	14422.26																																				

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21	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of	Cum	721.11																																				
22	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2	Sqm	25323.23																																				
23	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading,	Cum	1012.93																																				
24	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing	Sqm	916.20																																				
25	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in	Cum	80.96																																				
26	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed	Cum	213.91																																				
27	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43	Cum	213.91																																				
28	Cutting transverse contraction joints 3 to 4 mm wide and depth 60mm in concrete slab using concrete cutting machine with diamond	M	496.42																																				
29	Providing to contraction joints polysuphide sealent (Pouring grade) confirming to BS : 5212 - 1989 into sawed groove widened at top	M	496.42																																				
30	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3)	Cum	15157.78																																				
31	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km	T.KM	19401.95																																				

Assistant Engineer
BBMP Bengaluru

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